

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119369.D
 Acq On : 12 Mar 2020 2:36
 Operator : CG/JU
 Sample : L1874-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-7

Quant Time: Mar 12 08:02:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

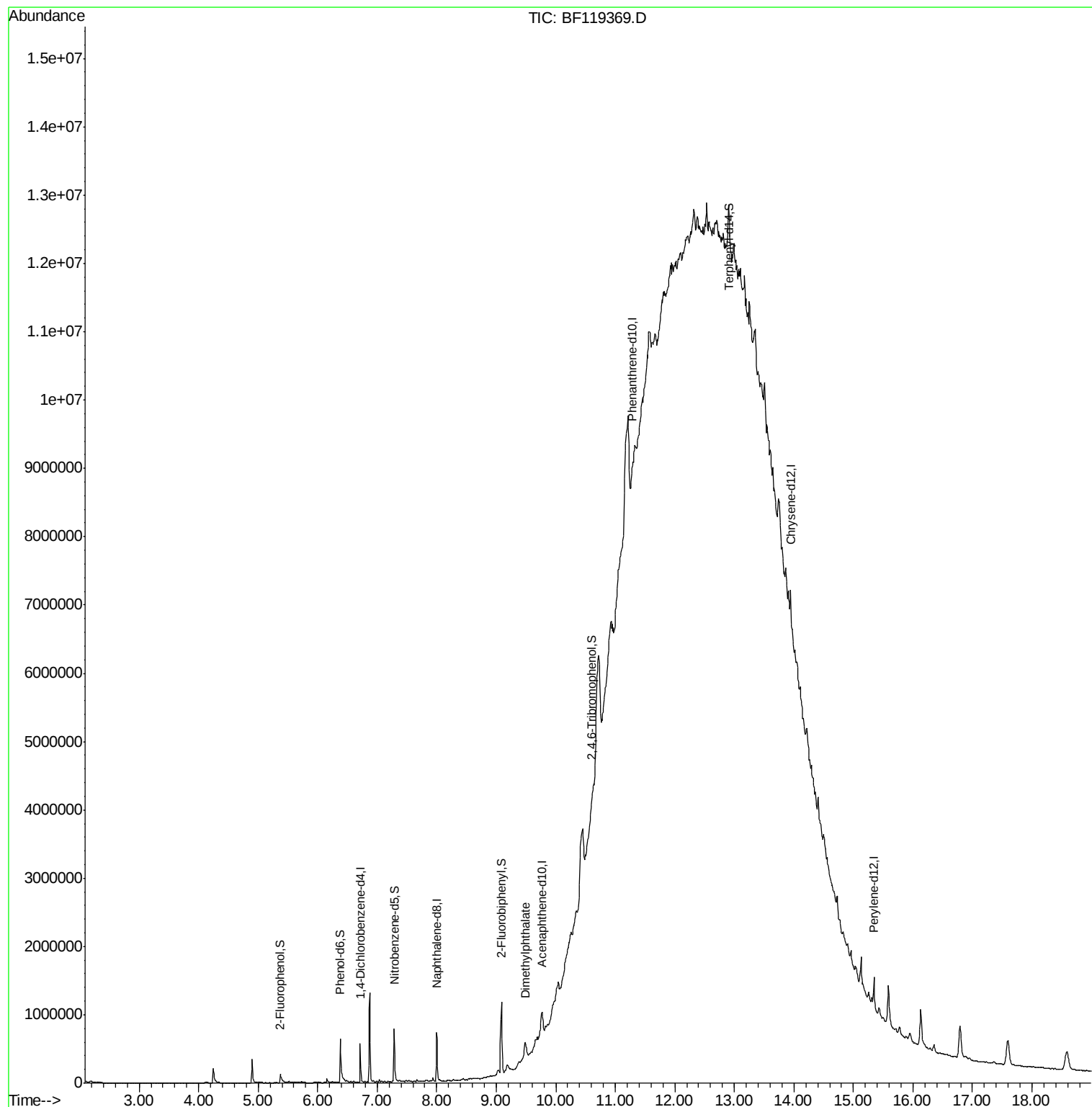
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	93154	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	347729	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	158829	20.00	ng	0.01
64) Phenanthrene-d10	11.29	188	168930	20.00	ng	0.04
76) Chrysene-d12	13.94	240	174790	20.00	ng	0.06
87) Perylene-d12	15.34	264	226809	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	89814	16.11	ng	0.02
7) Phenol-d6	6.38	99	359988	53.10	ng	0.00
23) Nitrobenzene-d5	7.29	82	299606	45.49	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	7702	3.71	ng	0.04
45) 2-Fluorobiphenyl	9.09	172	633311	58.74	ng	0.00
79) Terphenyl-d14	12.92	244	389167	38.33	ng	0.09
Target Compounds						
50) Dimethylphthalate	9.49	163	44253	3.644	ng	Qvalue # 96

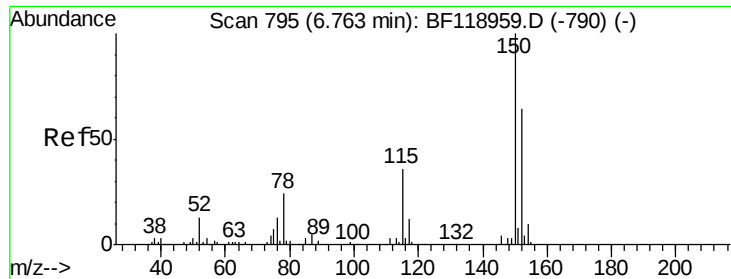
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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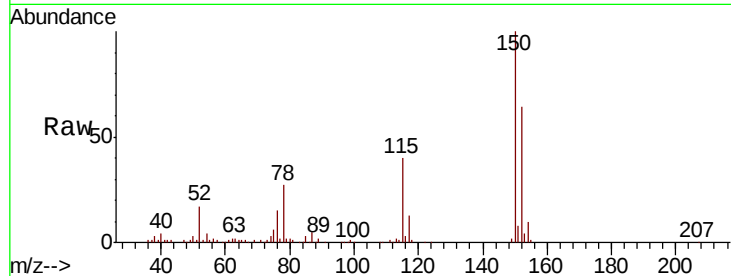


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF119369.D
Acq: 12 Mar 2020 2:36

Instrument :
BNA_F
ClientSampleId :
C-7

Tot Ion	152	Resp	93154
Ion Ratio	Lower	Upper	
152	100		
150	156.1	123.0	184.6
115	63.1	49.5	74.3

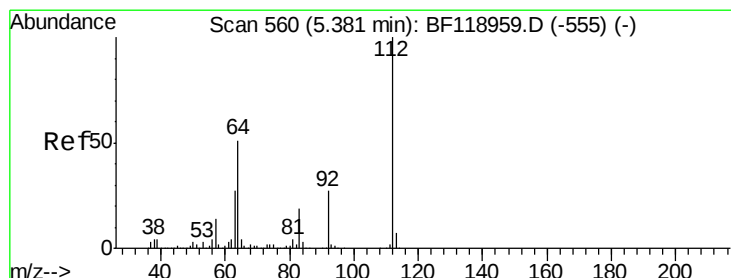
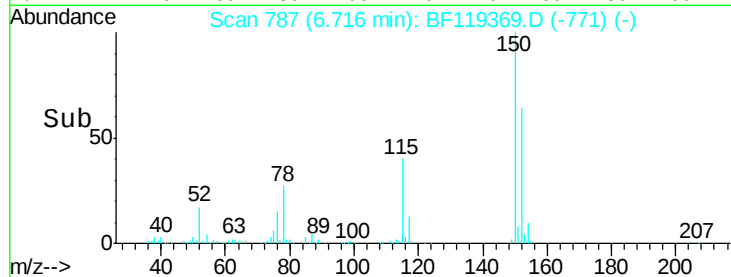
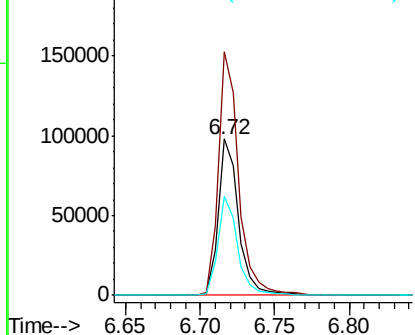


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

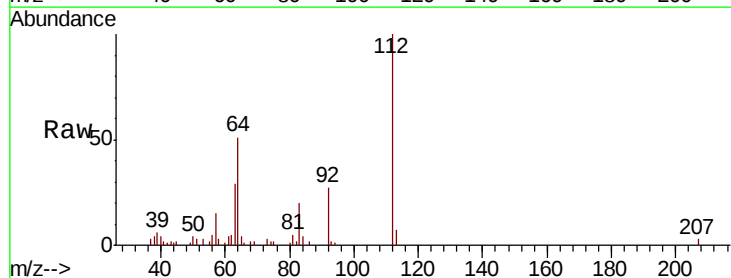
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 16.113 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119369.D
Acq: 12 Mar 2020 2:36

Tgt Ion	112	Resp	89814
Ion Ratio	Lower	Upper	
112	100		
64	51.1	45.0	67.4
63	28.6	24.2	36.4

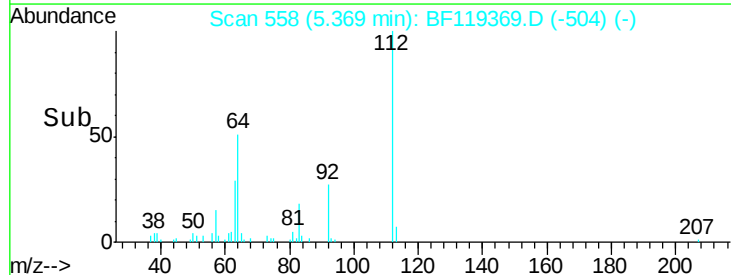
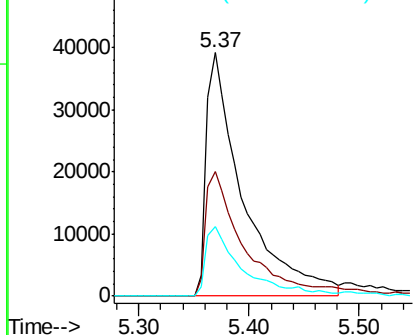


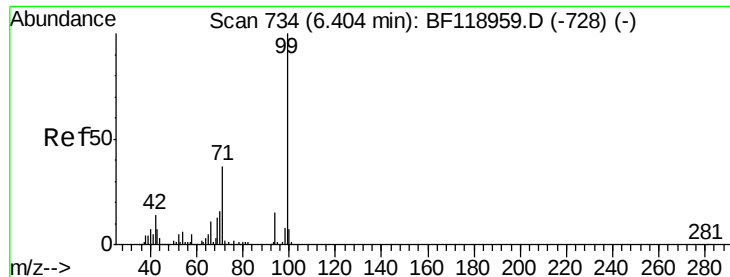
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 53.102 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119369.D

Acq: 12 Mar 2020 2:36

Instrument :

BNA_F

ClientSampleId :

C-7

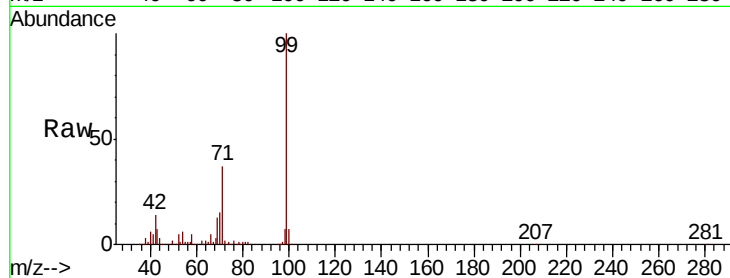
Tot Ion: 99 Resp: 359988

Ion Ratio Lower Upper

99 100

42 14.0 12.6 18.8

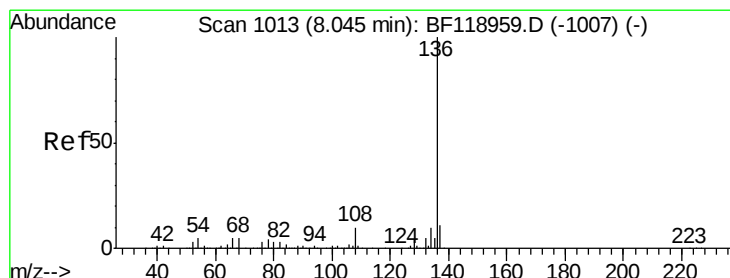
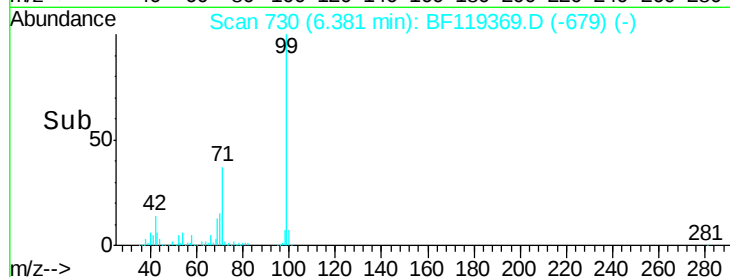
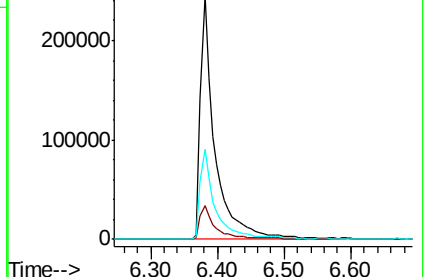
71 37.2 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF119369.D

Acq: 12 Mar 2020 2:36

Tgt Ion: 136 Resp: 347729

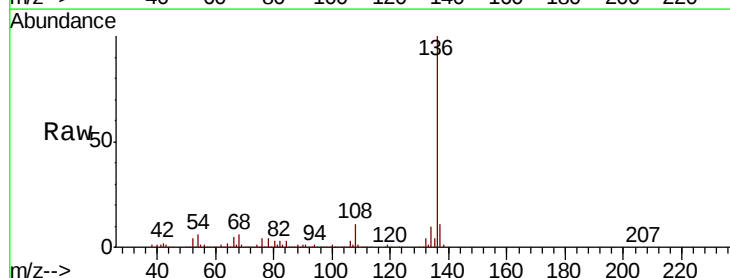
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 5.6 3.8 5.6

68 5.6 3.9 5.9

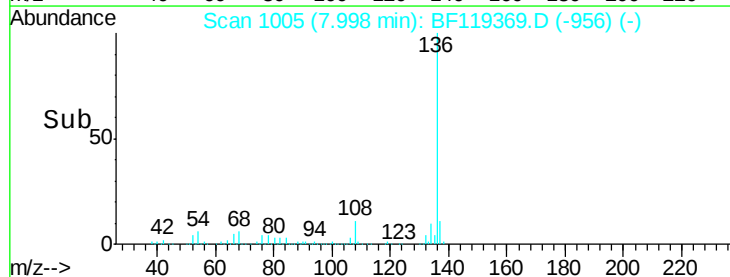
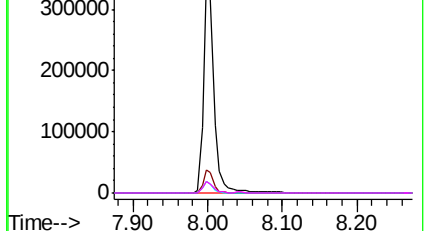


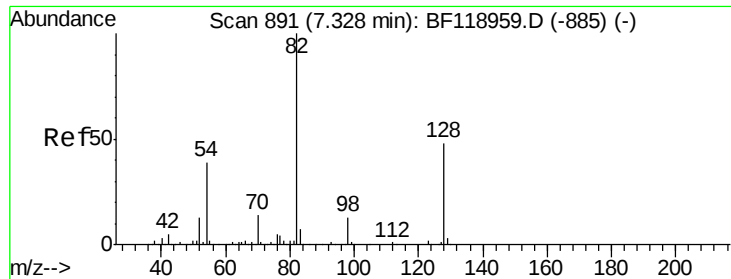
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

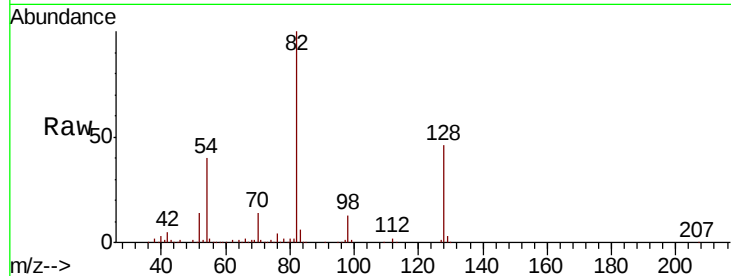




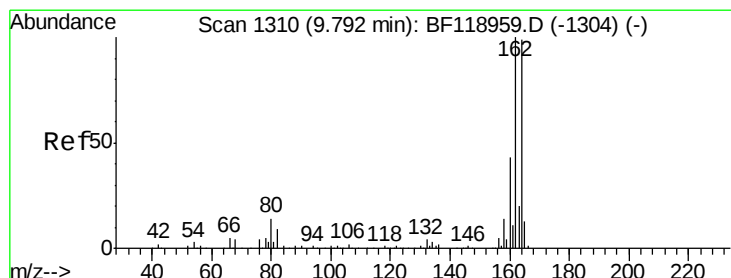
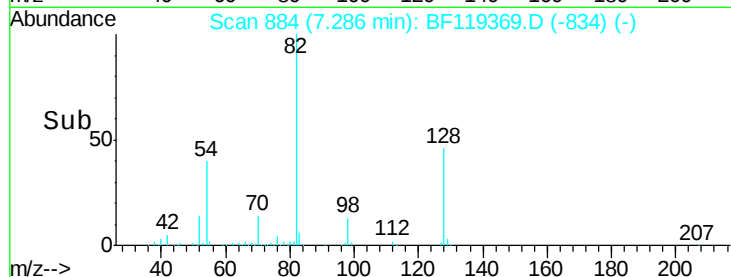
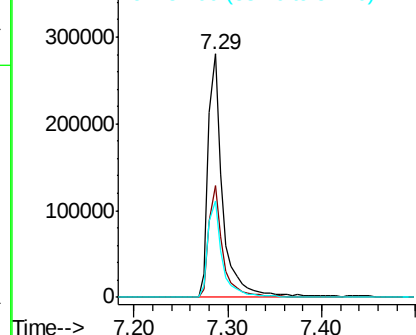
#23
 Nitrobenzene-d5
 Concen: 45.493 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF119369.D
 Acq: 12 Mar 2020 2:36

Instrument :
 BNA_F
 ClientSampled :
 C-7

Tot Ion	82	Resp	299606
Ion Ratio	Lower	Upper	
82	100		
128	46.1	37.9	56.9
54	39.5	33.4	50.2

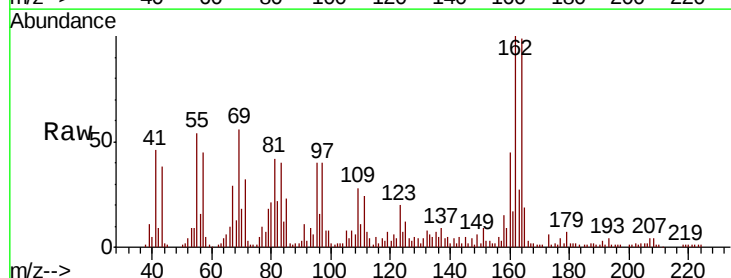


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

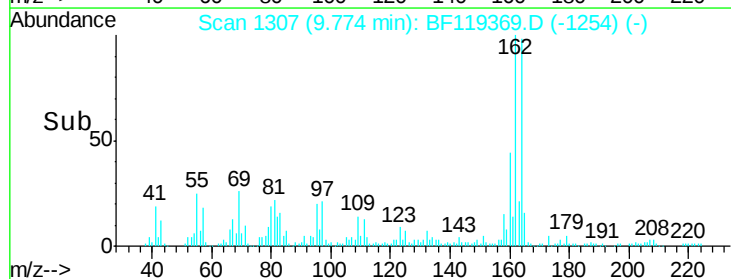
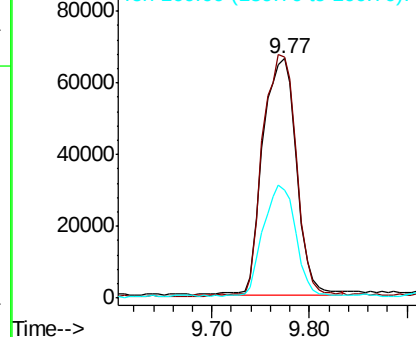


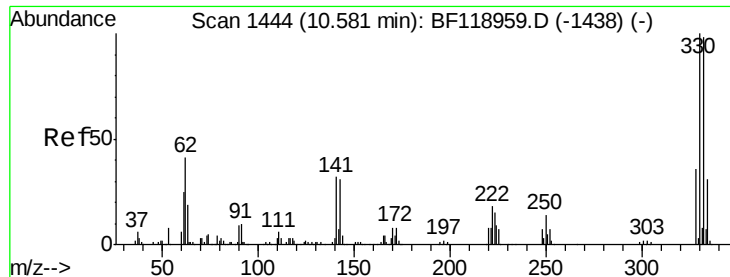
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF119369.D
 Acq: 12 Mar 2020 2:36

Tgt Ion	164	Resp	158829
Ion Ratio	Lower	Upper	
164	100		
162	100.9	81.8	122.8
160	45.1	36.0	54.0



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

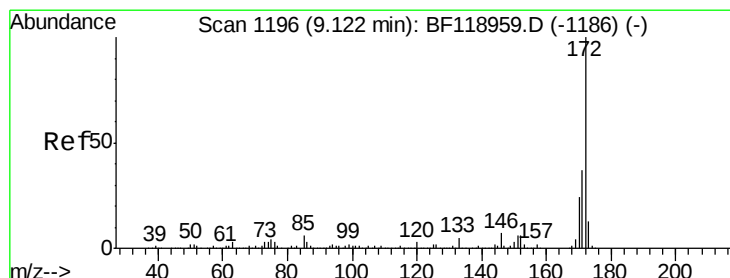
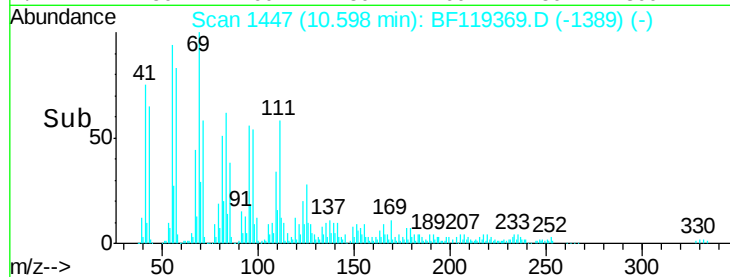
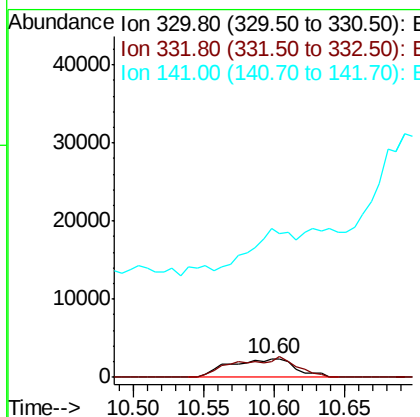
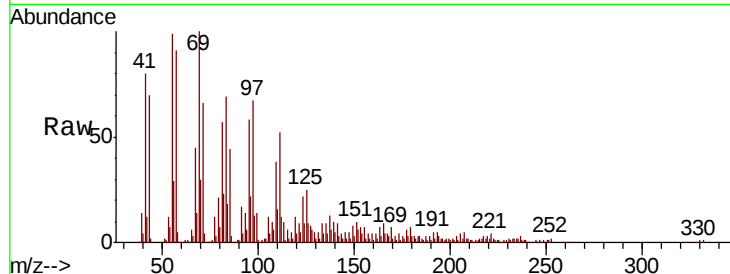




#42
 2,4,6-Tribromophenol
 Concen: 3.707 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.04 min
 Lab File: BF119369.D
 Acq: 12 Mar 2020 2:36

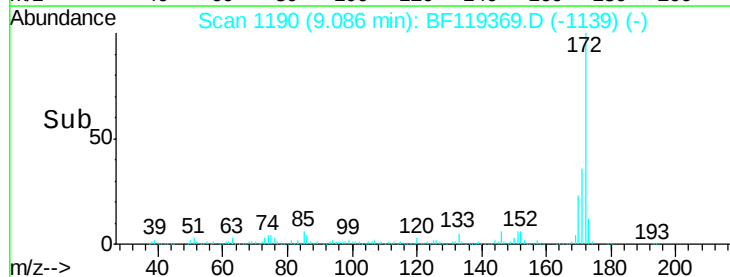
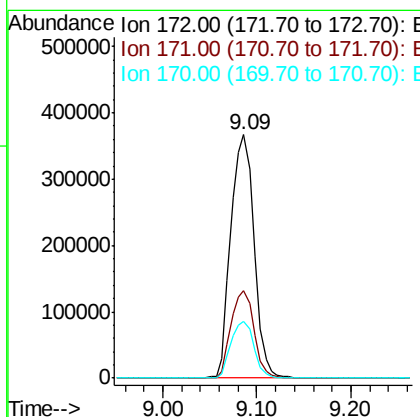
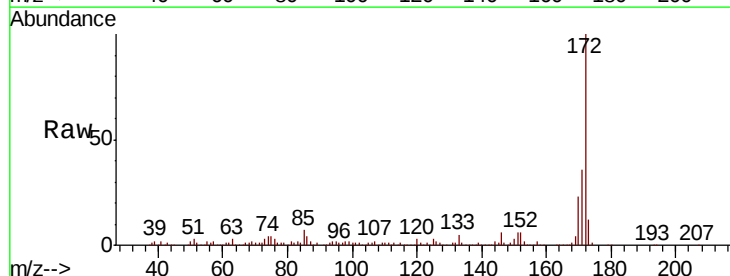
Instrument :
 BNA_F
 ClientSampled :
 C-7

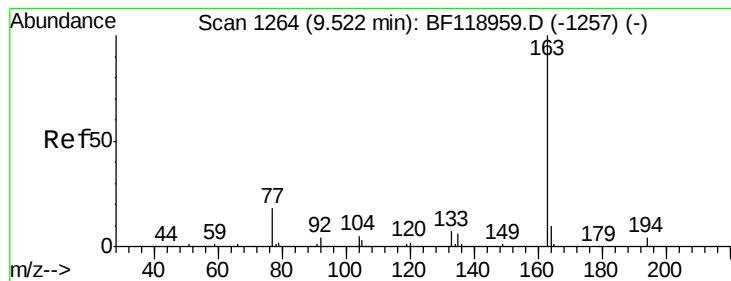
Tot Ion:330 Resp: 7702
 Ion Ratio Lower Upper
 330 100
 332 101.4 76.0 114.0
 141 118.9 22.9 34.3#



#45
 2-Fluorobiphenyl
 Concen: 58.741 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF119369.D
 Acq: 12 Mar 2020 2:36

Tgt Ion:172 Resp: 633311
 Ion Ratio Lower Upper
 172 100
 171 35.8 30.6 45.8
 170 23.2 20.2 30.2





#50

Dimethylphthalate

Concen: 3.644 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119369.D

Acq: 12 Mar 2020 2:36

Instrument :

BNA_F

ClientSampleId :

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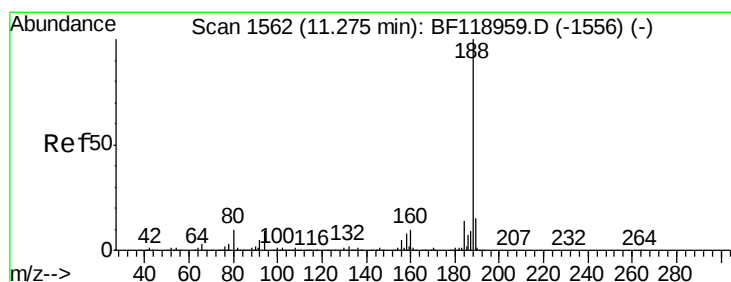
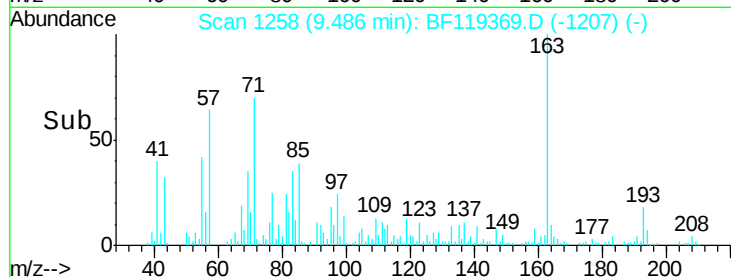
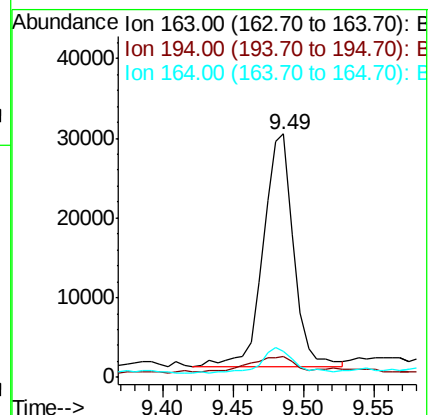
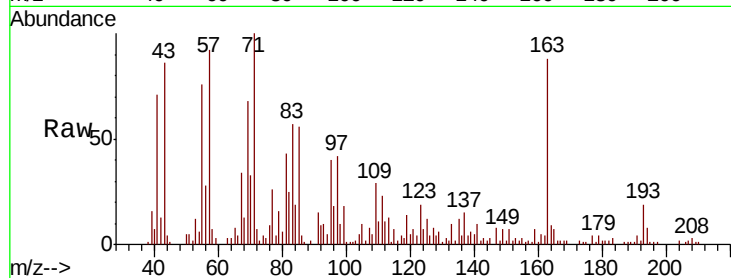
Tot Ion:163 Resp: 44253

Ion Ratio Lower Upper

163 100

194 8.8 3.5 5.3#

164 10.4 8.4 12.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1564

Delta R.T. 0.04 min

Lab File: BF119369.D

Acq: 12 Mar 2020 2:36

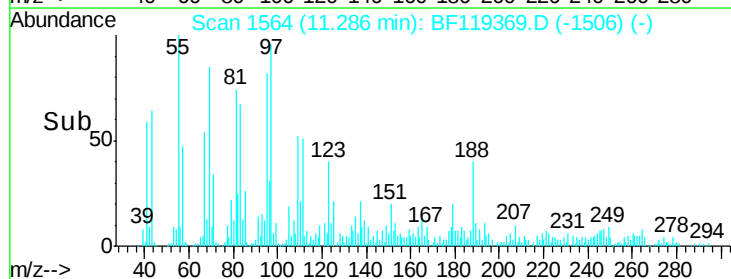
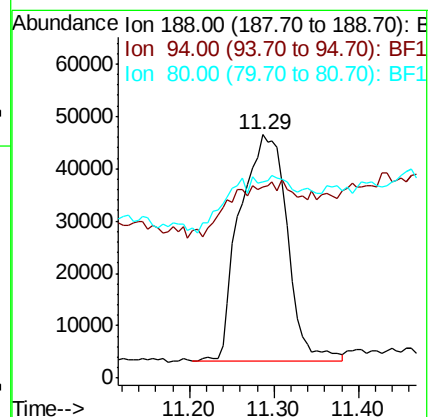
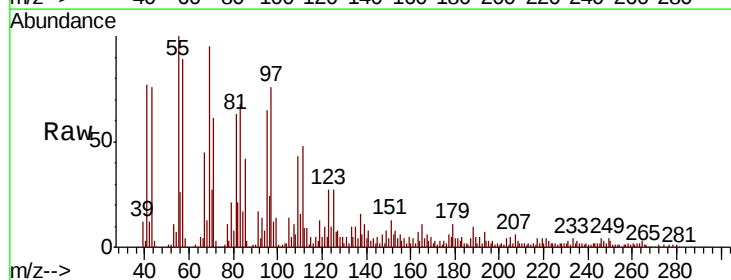
Tgt Ion:188 Resp: 168930

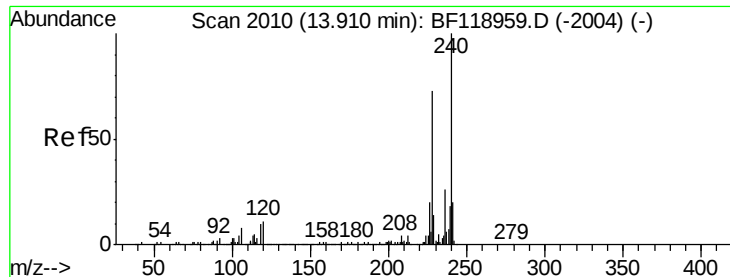
Ion Ratio Lower Upper

188 100

94 78.8 7.1 10.7#

80 80.4 7.8 11.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.06 min

Lab File: BF119369.D

Acq: 12 Mar 2020 2:36

Instrument :

BNA_F

ClientSampleId :

C-7

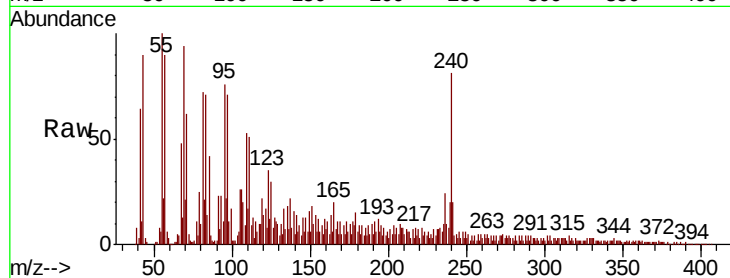
Tot Ion:240 Resp: 174790

Ion Ratio Lower Upper

240 100

120 17.4 8.4 12.6#

236 29.4 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

250000

200000

150000

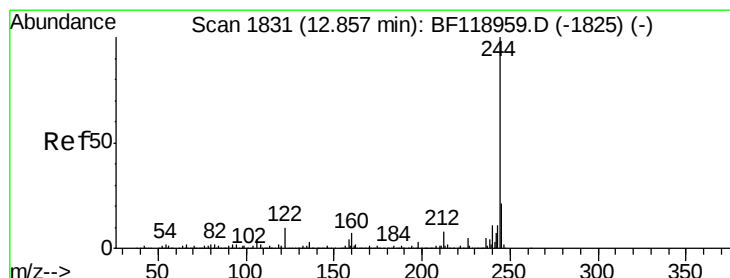
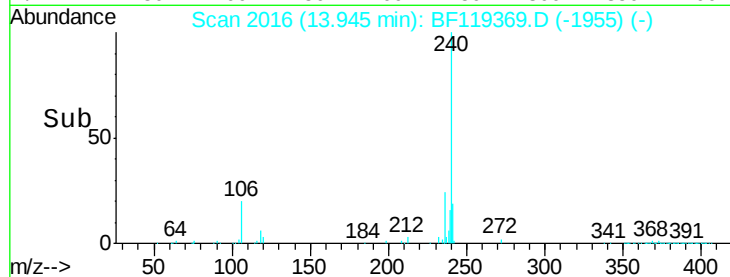
100000

50000

0

13.90 13.95 14.00

Time-->



#79

Terphenyl-d14

Concen: 38.333 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.09 min

Lab File: BF119369.D

Acq: 12 Mar 2020 2:36

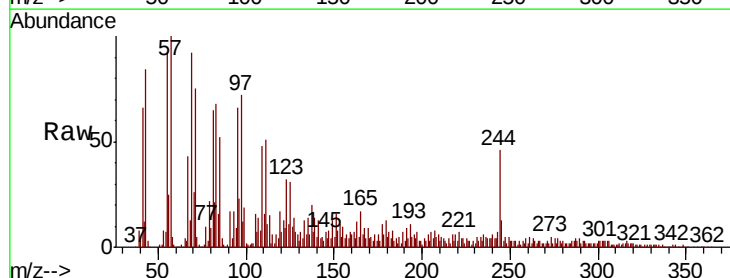
Tgt Ion:244 Resp: 389167

Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

122 19.3 8.2 12.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

300000

250000

200000

150000

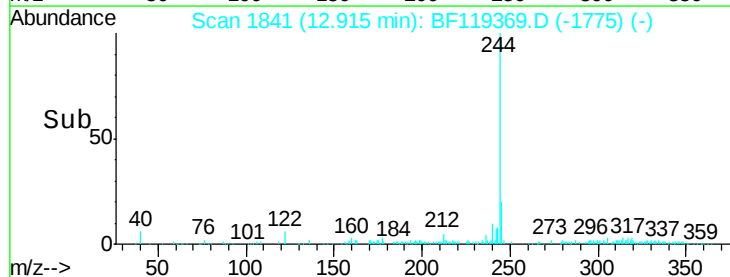
100000

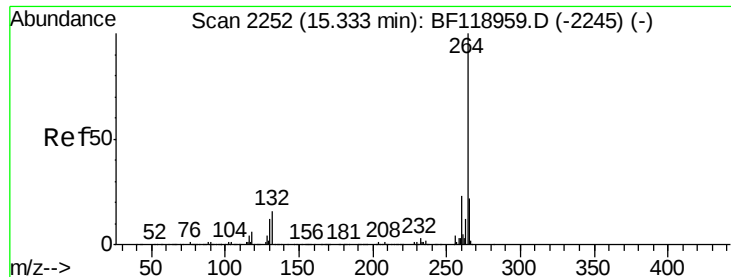
50000

0

12.80 12.85 12.90 12.95

Time-->

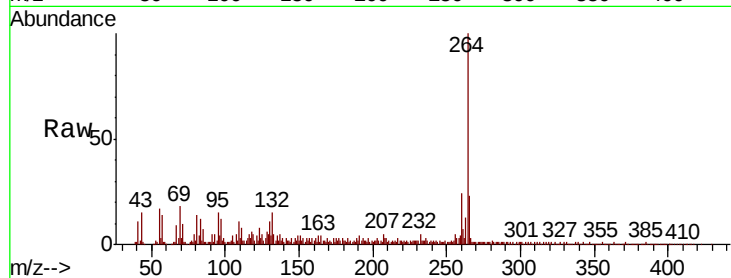




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2254
 Delta R.T. 0.04 min
 Lab File: BF119369.D
 Acq: 12 Mar 2020 2:36

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	22.5	17.7	26.5



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

